

**ADDENDUM #1
TO SPEC. 06-269**

**ANNUAL REQUIREMENTS FOR
DYNAMIC MESSAGE SIGNS**

Addendum #1 to Spec. 06-269 for **Annual Requirements for Dynamic Message Signs**, bids to be opened on Friday, October 6, 2006 at 12:00 noon.

- 1. The attached drawing should have been included with the original specifications.**

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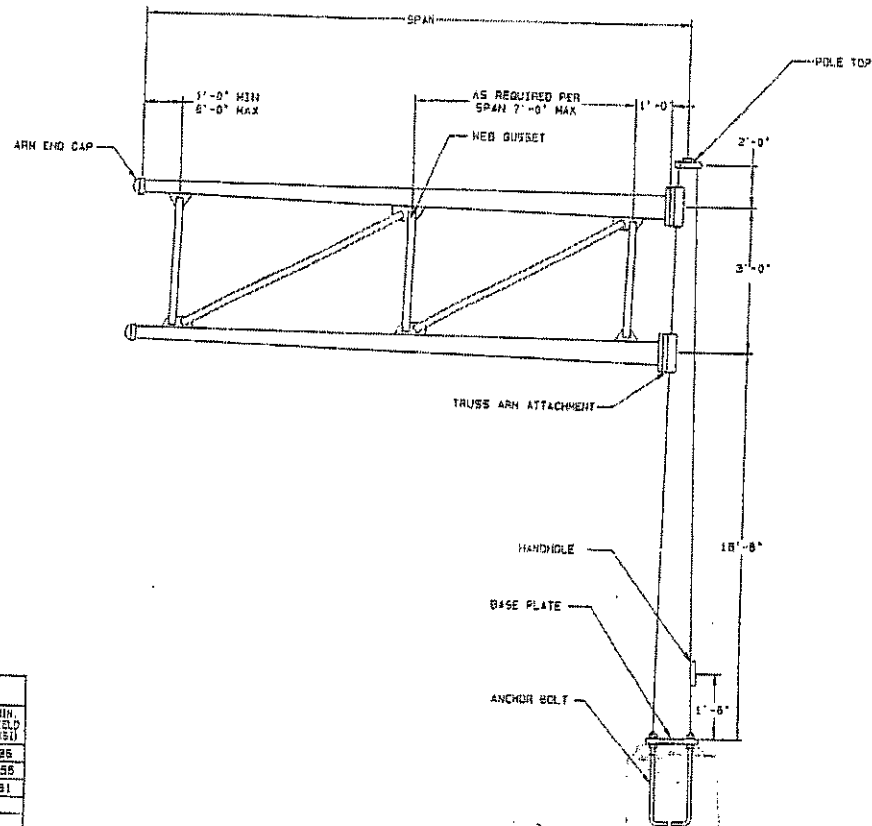
All other terms and conditions to remain unchanged.

Dated this 22nd day of September, 2006.

Purchasing Department

Tom Kopplin
Assistant Purchasing Agent

STRUCTURE SCHEDULE																			
STRUCTURE DATA			POLE DATA				TRUSS ARM DATA				BASEPLATE DATA				ANCHOR BOLT DATA				
SIGN NO.	STATION NO.	SPAN	BASE DIA.	TOP DIA.	LENGTH	THK.	BASE DIA.	END DIA.	LENGTH	THK.	SIZE	BOLT CIRCLE DIA.	THK. IN.	BOLT DIA.	NO.	DIA.	LENGTH	HOOK	THD. LING.
	5275701	19'-0"	12.00"	8.85"	22.50'	0.1793"	8.00"	5.42"	18'-4.57"	0.1793"	17.00" SQ.	15.00"	1.50"	1.75"	4	1.50"	54.00"	6.00"	8.00"
	5272702	19'-0"	12.00"	8.68"	22.50'	0.1793"	8.00"	5.42"	18'-4.57"	0.1793"	17.00" SQ.	15.00"	1.50"	1.75"	4	1.50"	54.00"	6.00"	8.00"
	5275703	19'-0"	12.00"	8.85"	22.50'	0.1793"	8.00"	5.42"	18'-4.57"	0.1793"	17.00" SQ.	15.00"	1.50"	1.75"	4	1.50"	54.00"	6.00"	8.00"



NOTE: MAXIMUM SIGN SIZE
6' X 3.5'



3-14-03

ELEVATION VIEW

MATERIAL DATA					
COMPONENT	ASTM DESIGNATION	MIN. YIELD (ksi)	COMPONENT	ASTM DESIGNATION	MIN. YIELD (ksi)
POLE SHAFT	A555 GR. 55	55	RUSSETS	A36	25
ARM SHAFT	A555 GR. 55	55	ANCHOR BOLTS	F 1554	55
BASEPLATE	A36	36	CONNECTING BOLTS	A325 *	61
SIMPLEX PLATES	A36	36	STRUCTURE GALVANIZING	A123	
WEB MEMBERS	A555 GR. 55	55	HARDWARE GALVANIZING	A153	

*LUBRICATE IN THE FIELD IF NECESSARY.

DESIGNED BY: GSH		CHECKED BY: GSH		DATE: 02/25/03		PROJECT: CITY OF LINCOLN		JOB: CITY OF LINCOLN		VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS ENGINEER APPROVED, MATERIAL HANGING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.		valmont		ORDER NUMBER: 4488411	
DRAWN BY: GSH		CHECKED BY: GSH		DATE: 02/25/03		PROJECT: CITY OF LINCOLN		JOB: CITY OF LINCOLN		VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS ENGINEER APPROVED, MATERIAL HANGING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.		valmont		ORDER NUMBER: 4488411	
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P. 02/02

Valmont Industries, Inc.
Valley, NE 68064

ANALYSIS OF BOLTS & PLATE

Program: BPL (ver 2.01a) Wed Jan 22 10:42:42 2003
Input Units: U.S. Customary
Output Units: U.S. Customary
Angles: Degrees

Specification: AASHTO

Px	0	(lb)	Mx	38920	(ft-lb)
Fy	2168	(lb)	My	0	(ft-lb)
Fz	1829	(lb)	Mz	1835	(ft-lb)

Pole Diameter	12	(in)
Pole Sides	0	

Bolt Diameter	1.5	(in)
Bolt Length	60	(in)
Bolt Yield Strength	55000	(psi)
Bolt Circle	16	(in)
First Bolt Angle	45	(deg)
Number of Bolts	4	

Plate X-Length	17	(in)
Plate Y-Length	17	(in)
Plate Thickness	1.5	(in)
Plate Yield Strength	36000	(psi)
Attachment Angle	0	(deg)

19' SPAN SIGN STRUCTURE (6' X 35' sign)

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